

What is Claimed is:

1. A method for targeting and prolonging association of a selected drug to the luminal surface of pulmonary vascular endothelium of an animal comprising administering to an animal
5 a selected drug in combination with a non-internalizable antibody which binds to an antigen on the luminal surface of the pulmonary vascular endothelium.
2. The method of claim 1 wherein the non-internalizable antibody is an anti-ICAM-1 antibody.
- 10 3. The method of claim 1 wherein the selected drug is conjugated with the non-internalizable antibody.
4. The method of claim 1 wherein the non-internalizable antibody is administered to the animal followed by administration of the selected drug wherein the selected
15 drug has been chemically modified to recognize the non-internalizable antibody associated with luminal surface of the pulmonary vasculature.
5. A method for dissolution of fibrin clots or prevention of the intravascular coagulation in the pulmonary
20 vasculature of an animal comprising administering to the animal a fibrinolytic or anticoagulant in combination with a non-internalizable antibody which binds to an antigen on the luminal surface of the pulmonary vascular endothelium.
6. The method of claim 5 wherein the non-internalizable
25 antibody is an anti-ICAM-1 antibody.
7. The method of claim 5 wherein the fibrinolytic or anticoagulant is conjugated with the non-internalizable antibody.

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8. The method of claim 5 wherein the non-internalizable antibody is administered to the animal followed by administration of the fibrinolytic or anticoagulant wherein the fibrinolytic or anticoagulant has been chemically modified
5 to recognize the non-internalizable antibody associated with luminal surface of the pulmonary vasculature.

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